

Commonwealth of Kentucky
Natural Resources and Environmental Protection Cabinet
Department for Environmental Protection
Division for Air Quality
803 Schenkel Lane
Frankfort, Kentucky 40601
(502) 573-3382

AIR QUALITY PERMIT

Permittee Name: Freudenberg Nonwovens Limited Partnership
Mailing Address: ATTN: Brian Thompson, Vice President
2975 Pembroke Road
Hopkinsville, Kentucky 42240

is authorized to operate a Nonwoven Textiles manufacturing plant at

Facility Name: Freudenberg Nonwovens Limited Partnership
Mailing Address: ATTN: John McNabb, Plant Manager
2975 Pembroke Road
Hopkinsville, Kentucky 42240

Facility Location: Same as above

PERMIT TYPE: Federally-Enforceable Title V
Review Type: Title V
Permit Number: V-97-008 (Revision 3)
Log Number: F073/G605/51385/54176/54406
Facility ID #: 21-047-00019
SIC Code: 2297

Region: Paducah
County: Christian

Issuance Date: August 22, 1997
Revision Date: April 24, 2002
Expiration Date: August 22, 2002

John S. Lyons, Director
Division for Air Quality

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Rev #	Permit type	Log #	Complete Date	Issuance Date	Summary of Action
----	Initial Issuance	F073		8/22/97	
1	Significant revision	51385	4/11/01	4/25/01	Adding V2, K72, and K73 Sets & several insignificant activities
2	Minor Permit Revision	54176	11/30/01	01/07/02	Removal of service of K2 set, and adding insignificant activity of Line#4
3	Administrative	54406	3/4/02	4/19/02	Adding the emission points that mistakenly were deleted in a final copy of Revision-1 : K9 (V2 Forming Set), K10 (one Laminator), and Insignificant Activities items 24-32 as were listed on the original Revision -1

SECTION A - PERMIT AUTHORIZATION

Pursuant to a duly submitted application which was determined to be administratively and technically complete, the Kentucky Division for Air Quality hereby authorizes the operation of the processing and air pollution control equipment described herein in accordance with the plans, specifications, permit application, and other information submitted by the permittee. This permit has been issued under the provisions of Kentucky Revised Statutes Chapter 224 and regulations promulgated pursuant thereto.

The permittee shall not construct, reconstruct, alter, or modify any affected facilities without first submitting a complete application and receiving a permit for the planned activity from the permitting authority.

Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by this Cabinet or any other federal, state, or local agency.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

B1 (16B) One (1) Cleaver Brooks 500HP Fire Tube Boiler -
Primary fuel: Natural Gas
Backup fuel: Fuel Oil #2
Maximum rated capacity: 20.925 mmBTU/hr

APPLICABLE REGULATIONS:

1. Regulation 401 KAR 59:015, New indirect fired heat exchangers, applies to the particulate matter and sulfur dioxide emissions from the combustion of natural gas and fuel oil.

1. Operating Limitations :

None

2. Emission Limitations :

1. Pursuant to Regulation 401 KAR 59:015, Section 4(1)(c), emissions of particulate matter from the combustion of either natural gas or fuel oil shall not exceed 0.47 lb/mmBTU (9.85 lb/hr).
2. Pursuant to Regulation 401 KAR 59:015, Section 4(2), the opacity of visible emissions from the combustion of either natural gas or fuel oil shall not exceed 20%.
3. Pursuant to Regulation 401 KAR 59:015, Section 5(1)(c)1, emissions of sulfur dioxide from the combustion of either natural gas or fuel oil #2 shall not exceed 2.22 lb/mmBTU (46.36 lb/hr).

Compliance Demonstration Method:

- a. Hourly Mass Emission Rate = [Monthly gas or fuel oil consumption rate x Emission factor listed in Kentucky Emissions Inventory /(Hours of operation per month)].
- b. Opacity Limit - No compliance demonstration is necessary while the boiler is fired with natural gas.
- c. Opacity Limit - During periods of boiler startup, shutdown or malfunction or during periods when the boiler is fired with fuel oil, the permittee shall determine compliance through maintenance of the records required by Item 4 under Specific Monitoring Requirements below.

3. Testing Requirements:

Pursuant to Regulations 401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 1, performance testing using the Reference Methods specified in Regulation 401 KAR 50:015 shall be conducted as required by the Division.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

B1 (16B) One (1) Cleaver Brooks 500HP Fire Tube Boiler (Continued)

4. Specific Monitoring Requirements:

The permittee shall monitor and maintain records of the following information:

1. The monthly fuel usage rate (cubic feet/month or gallons per month) for each of the fuels listed herein.
2. The monthly hours of operation (hours operated per month) of the boiler.
3. The sulfur content of each type of fuel burned. The sulfur content may be determined by fuel sampling and analysis or by fuel supplier certification.
4. During periods of boiler startup, shutdown or malfunction or during periods when the boiler is fired with fuel oil, a daily (calendar day) log of the following information shall be kept:
 - i. Whether any air emissions were visible from the boiler stack.
 - ii. Whether the visible emission were normal for the process.
 - iii. The color of the emissions and whether the emissions were light or heavy.
 - iv. The cause of the abnormal visible emissions.
 - v. Any corrective actions taken.

5. Specific Recordkeeping Requirements:

See 4. Specific Monitoring Requirements above.

6. Specific Reporting Requirements:

None

7. Specific Control Equipment Operating Conditions:

None

8. State-Origin Requirements:

None

a. Operating Limitations:

None

b. Emission Limitations:

None

9. Alternate Operating Scenarios:

None

10. Compliance Schedule:

N/A

11. Compliance Certification Requirements:

N/A

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

K1 (2A, 2B, 5)	K1 Forming Set -	
	One (1) Three-Stage Drying Oven:	42 burners (natural gas fired, 0.2 mmBTU/hr total capacity)
	One (1) Spray Application System	
	Maximum production capacity:	2,100 m ² /hr

APPLICABLE REGULATIONS:

1. Regulation 401 KAR 59:010, New process operations, applies to the particulate matter emissions.
2. Regulation 401 KAR 63:020, Potentially hazardous matter or toxic substances, applies to the formaldehyde emissions.

1. Operating Limitations:

None

2. Emission Limitations:

1. Pursuant to Regulation 401 KAR 59:010, Section 3(2), emissions of particulate matter shall not exceed 2.34 lb/hr.
2. Pursuant to Regulation 401 KAR 59:010, Section 3(1), the opacity of visible emissions shall not equal or exceed 20 percent.
3. See Group Requirements, Page 22.

Compliance Demonstration Method:

- a. Hourly Mass Emission Rate = Emission factor listed in Kentucky Emissions Inventory
- b. Opacity Limit - During periods of normal operation, no compliance demonstration is necessary. During periods of startup, shutdown, or malfunction of the K1 Forming Set, the permittee shall determine compliance through maintenance of the records required by Item 3 under Specific Monitoring Requirements below.

3. Testing Requirements:

Pursuant to Regulations 401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 1, performance testing using the Reference Methods specified in Regulation 401 KAR 50:015 shall be conducted as required by the Division.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

K1 (2A, 2B, 5) K1 Forming Set (Continued)

4. Specific Monitoring Requirements:

The permittee shall monitor and maintain records of the following parameters:

1. The monthly hours of operation (hours operated/month) of the K1 Forming Set.
2. During periods of startup, shutdown or malfunction of the K1 Forming Set, a daily (calendar day) log of the following information shall be kept:
 - i. Whether any air emissions were visible from the K1 Forming Set stacks.
 - ii. Whether the visible emission were normal for the process.
 - iii. The color of the emissions and whether the emissions were light or heavy.
 - iv. The cause of the abnormal visible emissions.
 - v. Any corrective actions taken.

5. Specific Recordkeeping Requirements:

See 4. Specific Monitoring Requirements above.

6. Specific Reporting Requirements:

None

7. Specific Control Equipment Operating Conditions:

None

8. State-Origin Requirements:

None

a. Operating Limitations:

None

b. Emission Limitations:

None

9. Alternate Operating Scenarios:

None

10. Compliance Schedule:

N/A

11. Compliance Certification Requirements:

N/A

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

K2 (2) K2 Forming Set (*)
One (1) Multi-state Steam Can Drying System: Steam provided by the Cleaver
Brooks boiler
One (1) Spray Application System
Maximum production capacity: 2,100 m²/hr

(*) Per Applications Log# 54176 dated September 21, 2001, this emission point (K2 Set) was removed from service on June 27, 2001.

APPLICABLE REGULATIONS:

1. Regulation 401 KAR 59:010, New process operations, applies to the particulate matter emissions.
2. Regulation 401 KAR 63:020, Potentially hazardous matter or toxic substances, applies to the formaldehyde emissions.

1. Operating Limitations:

None

2. Emission Limitations:

1. Pursuant to Regulation 401 KAR 59:010, Section 3(2), emissions of particulate matter shall not exceed 2.34 lb/hr.
2. Pursuant to Regulation 401 KAR 59:010, Section 3(1), the opacity of visible emissions shall not equal or exceed 20 percent.
3. See Group Requirements, Page 22.

Compliance Demonstration Method:

- a. Hourly Mass Emission Rate = Emission factor listed in Kentucky Emissions Inventory
- b. Opacity Limit - During periods of normal operation, no compliance demonstration is necessary.
During periods of startup, shutdown, or malfunction of the K2 Forming Set, the permittee shall determine compliance through maintenance of the records required by Item 3 under Specific Monitoring Requirements below.

3. Testing Requirements:

Pursuant to Regulations 401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 1, performance testing using the Reference Methods specified in Regulation 401 KAR 50:015 shall be conducted as required by the Division.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

K2 (2) K2 Forming Set (*) (Continued)

(*) Per Applications Log# 54176 dated September 21, 2001, this emission point (K2 Set) was removed from service on June 27, 2001.

4. Specific Monitoring Requirements:

The permittee shall monitor and maintain records of the following parameters:

1. The monthly hours of operation (hours operated/month) of the K2 Forming Set.
2. During periods of startup, shutdown or malfunction of the K2 Forming Set, a daily (calendar day) log of the following information shall be kept:
 - i. Whether any air emissions were visible from the K2 Forming Set stack.
 - ii. Whether the visible emission were normal for the process.
 - iii. The color of the emissions and whether the emissions were light or heavy.
 - iv. The cause of the abnormal visible emissions.
 - v. Any corrective actions taken.

5. Specific Recordkeeping Requirements:

See 4. Specific Monitoring Requirements above.

6. Specific Reporting Requirements: None

7. Specific Control Equipment Operating Conditions: None

8. State-Origin Requirements: None

a. Operating Limitations: None

b. Emission Limitations: None

9. Alternate Operating Scenarios: None

10. Compliance Schedule: N/A

11. Compliance Certification Requirements: N/A

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

K3 (4) K3 Forming Set -
One (1) Multi-state Steam Can Drying System: Steam provided by the Cleaver
Brooks boiler
One (1) Spray Application System
Maximum production capacity: 2,100 m²/hr

APPLICABLE REGULATIONS:

1. Regulation 401 KAR 59:010, New process operations, applies to the particulate matter emissions.
2. Regulation 401 KAR 63:020, Potentially hazardous matter or toxic substances, applies to the formaldehyde emissions.

1. Operating Limitations:

None

2. Emission Limitations:

1. Pursuant to Regulation 401 KAR 59:010, Section 3(2), emissions of particulate matter shall not exceed 2.34 lb/hr.
2. Pursuant to Regulation 401 KAR 59:010, Section 3(1), the opacity of visible emissions shall not equal or exceed 20 percent.
3. See Group Requirements, Page 22.

Compliance Demonstration Method:

- a. Hourly Mass Emission Rate = Emission factor listed in Kentucky Emissions Inventory
- b. Opacity Limit - During periods of normal operation, no compliance demonstration is necessary. During periods of startup, shutdown, or malfunction of the K3 Forming Set, the permittee shall determine compliance through maintenance of the records required by Item 3 under Specific Monitoring Requirements below.

3. Testing Requirements:

Pursuant to Regulations 401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 1, performance testing using the Reference Methods specified in Regulation 401 KAR 50:015 shall be conducted as required by the Division.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

K3 (4)

K3 Forming Set

(Continued)

4. Specific Monitoring Requirements:

The permittee shall monitor and maintain records of the following parameters:

1. The monthly hours of operation (hours operated/month) of the K3 Forming Set.
2. During periods of startup, shutdown or malfunction of the K3 Forming Set, a daily (calendar day) log of the following information shall be kept:
 - i. Whether any air emissions were visible from the K3 Forming Set stack.
 - ii. Whether the visible emission were normal for the process.
 - iii. The color of the emissions and whether the emissions were light or heavy.
 - iv. The cause of the abnormal visible emissions.
 - v. Any corrective actions taken.

5. Specific Recordkeeping Requirements:

See 4. Specific Monitoring Requirements above.

6. Specific Reporting Requirements:

None

7. Specific Control Equipment Operating Conditions:

None

8. State-Origin Requirements:

None

a. Operating Limitations:

None

b. Emission Limitations:

None

9. Alternate Operating Scenarios:

None

10. Compliance Schedule:

N/A

11. Compliance Certification Requirements:

N/A

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

K4 (7) K70 Fusible Set -
One (1) Continuous Extrusion/Laminator System
One (1) Delaminator
Maximum production capacity: 2,100 m²/hr

APPLICABLE REGULATIONS:

1. Regulation 401 KAR 59:010, New process operations, applies to the particulate matter emissions.
2. Regulation 401 KAR 63:020, Potentially hazardous matter or toxic substances, applies to the formaldehyde emissions.

1. Operating Limits:

None

2. Emission Limitations:

1. Pursuant to Regulation 401 KAR 59:010, Section 3(2), emissions of particulate matter shall not exceed 2.34 lb/hr.
2. Pursuant to Regulation 401 KAR 59:010, Section 3(1), the opacity of visible emissions shall not equal or exceed 20 percent.
3. See Group Requirements, Page 22.

Compliance Demonstration Method:

- a. Hourly Mass Emission Rate = Emission factor listed in Kentucky Emissions Inventory
- b. Opacity Limit - During periods of normal operation, no compliance demonstration is necessary. During periods of startup, shutdown, or malfunction of the K70 Fusible Set, the permittee shall determine compliance through maintenance of the records required by Item 3 under Specific Monitoring Requirements below.

3. Testing Requirements:

Pursuant to Regulations 401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 1, performance testing using the Reference Methods specified in Regulation 401 KAR 50:015 shall be conducted as required by the Division.

4. Specific Monitoring Requirements:

The permittee shall monitor and maintain records of the following parameters:

1. The monthly hours of operation (hours operated/month) of the K70 Fusible Set.
2. During periods of startup, shutdown or malfunction of the K70 Fusible Set, a daily (calendar day) log of the following information shall be kept:
 - i. Whether any air emissions were visible from the K70 Fusible Set stack.
 - ii. Whether the visible emission were normal for the process.
 - iii. The color of the emissions and whether the emissions were light or heavy.
 - iv. The cause of the abnormal visible emissions.
 - v. Any corrective actions taken.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

K4 (7)

K70 Fusible Set

(Continued)

5. Specific Recordkeeping Requirements:

See 4. Specific Monitoring Requirements above.

6. Specific Reporting Requirements:

None

7. Specific Control Equipment Operating Conditions:

None

8. State-Origin Requirements:

None

a. Operating Limitations:

None

b. Emission Limitations:

None

9. Alternate Operating Scenarios:

None

10. Compliance Schedule:

N/A

11. Compliance Certification Requirements:

N/A

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

K5 (6) K71 Powder Set -
Two (2) Unwinding Extruders
One (1) Powder Application System
One (1) Electric Oven
Maximum production capacity: 12,100 m²/hr

APPLICABLE REGULATIONS:

1. Regulation 401 KAR 59:010, New process operations, applies to the particulate matter emissions.

1. **Operating Limitations:** None

2. **Emission Limitations:**

1. Pursuant to Regulation 401 KAR 59:010, Section 3(2), emissions of particulate matter shall not exceed 2.34 lb/hr.
2. Pursuant to Regulation 401 KAR 59:010, Section 3(1), the opacity of visible emissions shall not equal or exceed 20 percent.

Compliance Demonstration Method:

- a. Hourly Mass Emission Rate = Emission factor listed in Kentucky Emissions Inventory
- b. Opacity Limit - During periods of normal operation, no compliance demonstration is necessary.
During periods of startup, shutdown, or malfunction of the K71 Powder Set, the permittee shall determine compliance through maintenance of the records required by Item 3 under Specific Monitoring Requirements below.

3. **Testing Requirements:**

Pursuant to Regulations 401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 1, performance testing using the Reference Methods specified in Regulation 401 KAR 50:015 shall be conducted as required by the Division.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

K5 (6)

K71 Powder Set

(Continued)

4. Specific Monitoring Requirements:

The permittee shall monitor and maintain records of the following parameters:

1. The monthly hours of operation (hours operated/month) of the K71 Powder Set.
2. During periods of startup, shutdown or malfunction of the K71 Powder Set, a daily (calendar day) log of the following information shall be kept:
 - i. Whether any air emissions were visible from the K71 Powder Set stack.
 - ii. Whether the visible emission were normal for the process.
 - iii. The color of the emissions and whether the emissions were light or heavy.
 - iv. The cause of the abnormal visible emissions.
 - v. Any corrective actions taken.

5. Specific Recordkeeping Requirements:

See 4. Specific Monitoring Requirements above.

6. Specific Reporting Requirements:

None

7. Specific Control Equipment Operating Conditions:

None

8. State-Origin Requirements:

None

a. Operating Limitations:

None

b. Emission Limitations:

None

9. Alternate Operating Scenarios:

None

10. Compliance Schedule:

N/A

11. Compliance Certification Requirements:

N/A

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

K8 (13 A, B, C)	PolyCarbonate (PC) Set -	Equipped with a dual carbon bed adsorption unit or equivalent
	One (1) PC Set Enclosure	
	One (1) Solvent Recovery System	
	Maximum production capacity: 2,300 m ² /hr	

APPLICABLE REGULATIONS:

1. Regulation 401 KAR 59:010, New process operations, applies to the particulate matter emissions.
2. Regulation 401 KAR 63:020, Section 3, Potentially hazardous matter or toxic substances, applies to the methylene chloride emissions.

1. Operating Limitations:

1. The carbon bed adsorption unit shall be controlling methylene chloride (dichloromethane) emissions and operating properly in accordance with manufacturer's specifications and/or standard operating procedures at all times the PolyCarbonate Set is in operation. The unit shall be equipped with an automatic interlock or equivalent that will shut the PolyCarbonate Set down whenever the carbon bed adsorption unit is not in operation.
2. The emission monitor following the carbon adsorption unit shall be continuously monitoring the total hydrocarbon concentration (THC) in the exhaust from the carbon adsorption unit. The monitor shall be operating properly in accordance with manufacturer's specifications and/or standard operating procedures at all times the PolyCarbonate Set is in operation.
3. The carbon bed adsorption unit shall be operated on a regular program of steam regeneration. When one carbon bed is being regenerated, the PolyCarbonate Set exhaust shall be routed through the other carbon bed.
4. Following carbon bed regeneration, the steam used in the regeneration shall be collected and condensed. Methylene chloride shall be separated from the condensed steam and recovered as liquid.

2. Emission Limitations:

1. Pursuant to Regulation 401 KAR 59:010, Section 3(2), emissions of particulate matter shall not exceed 2.34 lb/hr.
2. Pursuant to Regulation 401 KAR 59:010, Section 3(1), the opacity of visible emissions shall not equal or exceed 20 percent.
3. Pursuant to Regulation 401 KAR 63:020, Section 3, emissions of methylene chloride shall be vented through the carbon bed adsorption system at all times the PolyCarbonate Set is in operation.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

K8 (13 A, B, C)

PolyCarbonate (PC) Set

(Continued)

Compliance Demonstration Method:

- a. Hourly Mass Emission Rate = Emission factor listed in Kentucky Emissions Inventory
- b. Opacity Limit - During periods of normal operation, no compliance demonstration is necessary. During periods of startup, shutdown, or malfunction of the PC Set, the permittee shall determine compliance through maintenance of the records required by Item 4 under Specific Recordkeeping Requirements below.

3. Testing Requirements:

1. Pursuant to Regulations 401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 1, performance testing using the Reference Methods specified in Regulation 401 KAR 50:015 shall be conducted as required by the Division.
2. The permittee shall develop and implement a QA (quality assurance) program in accordance with the quality assurance / quality control / calibration procedures described in 40 CFR 60, Appendix F to maintain the continuous emissions monitor for THC on the PolyCarbonate Set.

4. Specific Monitoring Requirements:

The permittee shall install, calibrate, maintain, and operate according to manufacturer's specification an emissions monitor for the continuous measurement of the total hydrocarbon (THC) concentration in the exhaust stream from the carbon adsorption unit on the PolyCarbonate Set. The readings from the monitor shall be correlated to the concentration of methylene chloride in the exhaust stream.

5. Specific Recordkeeping Requirements:

The permittee shall maintain records of the following information:

1. The monthly hours of operation (hours operated/month) of the PolyCarbonate Set.
2. Continuous records of the total hydrocarbon (THC) concentration in the exhaust stream from the carbon beds. The concentration shall be recorded on a strip chart recorder or equivalent. The correlation between the total hydrocarbon concentration and methylene chloride emissions shall also be maintained on plant records.
3. During periods of startup, shutdown or malfunction of the PC Set, a daily (calendar day) log of the following information shall be kept:
 - i. Whether any air emissions were visible from the PC Set stack.
 - ii. Whether the visible emission were normal for the process.
 - iii. The color of the emissions and whether the emissions were light or heavy.
 - iv. The cause of the abnormal visible emissions.
 - v. Any corrective actions taken.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

K8 (13 A, B, C)

PolyCarbonate (PC) Set

(Continued)

6. Specific Reporting Requirements:

The permittee shall submit to the Division a copy of the maintenance program for the THC continuous emission monitor on the PolyCarbonate Set.

7. Specific Control Equipment Operating Conditions:

None

8. State-Origin Requirements:

None

a. Operating Limitations:

None

b. Emission Limitations:

None

9. Alternate Operating Scenarios:

None

10. Compliance Schedule:

N/A

11. Compliance Certification Requirements:

N/A

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

K9 (20)	V2 Forming Set -	
	One (1) Steam Can Drying System	Steam provided by the Cleaver Brooks boiler
	One (1) Foam Application System	
	Maximum production capacity:	3,500 m ² /hr

APPLICABLE REGULATIONS:

1. Regulation 401 KAR 59:010, New process operations, applies to the particulate matter emissions.

1. **Operating Limits:** None

2. **Emission Limitations:**

1. Pursuant to Regulation 401 KAR 59:010, Section 3(2), emissions of particulate matter shall not exceed 3.32 lb/hr.
2. Pursuant to Regulation 401 KAR 59:010, Section 3(1), the opacity of visible emissions shall not equal or exceed 20 percent.

Compliance Demonstration Method:

- a. Hourly Mass Emission Rate = Emission factor listed in Kentucky Emissions Inventory
- b. Opacity Limit - During periods of normal operation, no compliance demonstration is necessary.
During periods of startup, shutdown, or malfunction of the V2 Forming Set, the permittee shall determine compliance through maintenance of the records required by Item 4 under Specific Recordkeeping Requirements below.

3. **Testing Requirements:**

Pursuant to Regulations 401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 1, performance testing using the Reference Methods specified in Regulation 401 KAR 50:015 shall be conducted as required by the Division.

4. **Specific Monitoring Requirements:**

The permittee shall monitor and maintain records of the following parameters:

1. The monthly hours of operation (hours operated/month) of the V2 Forming Set.
2. During periods of startup, shutdown or malfunction of the V2 Forming Set, a daily (calendar day) log of the following information shall be kept:
 - i. Whether any air emissions were visible from the V2 Forming Set stack.
 - ii. Whether the visible emission were normal for the process.
 - iii. The color of the emissions and whether the emissions were light or heavy.
 - iv. The cause of the abnormal visible emissions.
 - v. Any corrective actions taken.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

K9 (20)

V2 Forming Set

(Continued)

5. Specific Recordkeeping Requirements:

See 4. Specific Monitoring Requirements above.

6. Specific Reporting Requirements:

None

7. Specific Control Equipment Operating Conditions:

None

8. State-Origin Requirements:

None

a. Operating Limitations:

None

b. Emission Limitations:

None

9. Alternate Operating Scenarios:

None

10. Compliance Schedule:

N/A

11. Compliance Certification Requirements:

N/A

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

K10 (21) Laminator -
One (1) Laminator
Maximum production capacity: 1,860 m²/hr

APPLICABLE REGULATIONS:

1. Regulation 401 KAR 59:010, New process operations, applies to the particulate matter emissions.

1. **Operating Limits:** None

2. **Emission Limitations:**

Pursuant to Regulation 401 KAR 59:010, Section 3(2), emissions of particulate matter shall not exceed 2.34 lb/hr.

Compliance Demonstration Method:

Hourly Mass Emission Rate = Emission factor listed in Kentucky Emissions Inventory

3. **Testing Requirements:**

Pursuant to Regulations 401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 1, performance testing using the Reference Methods specified in Regulation 401 KAR 50:015 shall be conducted as required by the Division.

4. **Specific Monitoring Requirements:**

The permittee shall monitor and maintain records of the monthly hours of operation (hours operated/month) of the Laminator.

5. **Specific Recordkeeping Requirements:**

See 4. Specific Monitoring Requirements above.

6. **Specific Reporting Requirements:** None

7. **Specific Control Equipment Operating Conditions:** None

8. **State-Origin Requirements:** None

a. **Operating Limitations:** None

b. **Emission Limitations:** None

9. **Alternate Operating Scenarios:** None

10. **Compliance Schedule:** N/A

11. **Compliance Certification Requirements:** N/A

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

GROUP Requirements (This section addresses requirements that apply to any groups of affected facilities. There is only one group requirement for this plant: plantwide emissions of formaldehyde were subject to a Reasonably Available Control Technology requirement under Regulation 401 KAR 63:021. RACT for formaldehyde was determined to be a plantwide emission limit with no controls and applies to all the affected facilities that are sources of formaldehyde.)

LIST OF POINTS:	K1	(2A, 2B, 5)	K1 Forming Set
	K2 ^(*)	(2)	K2 Forming Set
	K3	(4)	K3 Forming Set
	K4	(7)	K70 Powder Set

(*) Per Applications Log# 54176 dated September 21, 2001, this emission point (K2 Set) was removed from service on June 27, 2001.

APPLICABLE REGULATIONS:

1. Regulation 401 KAR 63:020, Potentially hazardous matter or toxic substances, applies to the formaldehyde emissions from each of the affected facilities listed above.

1. Operating Limitations:

See specific operating limitations under individual emissions point listing.

2. Emission Limitations:

Pursuant to Regulation 401 KAR 63:020, Section 3, plant-wide emissions of formaldehyde shall not exceed 1.79 lb/hr.

Compliance Demonstration Method:

Plantwide Emission Rate = The sum of the emission rates for each production set.

3. Testing Requirements:

Pursuant to Regulations 401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 1, performance testing using the Reference Methods specified in Regulation 401 KAR 50:015 shall be conducted as required by the Division.

4. Specific Monitoring Requirements:

See specific monitoring requirements for each set under individual emissions point listing.

5. Specific Recordkeeping Requirements:

See specific reporting requirements for each set under individual emissions point listing.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

GROUP Requirements

(Continued)

- | | |
|---|------|
| 6. <u>Specific Reporting Requirements:</u> | None |
| 7. <u>Specific Control Equipment Operating Conditions:</u> | None |
| 8. <u>State-Origin Requirements:</u> | None |
| a. <u>Operating Limitations:</u> | None |
| b. <u>Emission Limitations:</u> | None |
| 9. <u>Alternate Operating Scenarios:</u> | None |
| 10. <u>Compliance Schedule:</u> | N/A |
| 11. <u>Compliance Certification Requirements:</u> | N/A |

SECTION C - INSIGNIFICANT ACTIVITIES

The following listed activities have been determined to be insignificant activities for this source pursuant to Regulation 401 KAR 50:035, Section 5(4).

<u>Description</u>	<u>Applicable Regulation</u>
1. Alkota Heating Unit [Steam Cleaning Unit (SC-1)] (< 1.0 mmBTU/hr)	401 KAR 61:015
2. Hot Water Heater, Building 1 (< 1.0 mmBTU/hr)	401 KAR 61:015
3. Beringer Jet Cleaner (< 1.0 mmBTU/hr)	401 KAR 61:015
4. Laboratory Fume Hood	401 KAR 59:010
5. PC Set Sump Pit Exhaust	401 KAR 59:010
6. Shipping Area Natural Gas Fired Boiler (< 1.0 mmBTU/hr)	401 KAR 61:015
7. Chemical Mixing Area	401 KAR 59:010
8. Mold Injection Unit, Building 2	401 KAR 59:010
9. R&D Dry Cleaning Unit	None
10. Pocket Filter Production Area, Bldg. 2	401 KAR 59:010
11. Dust Removal Cartridge Production, Bldg. 2	401 KAR 59:010
12. MV Product Assembly, Bldg. 2	401 KAR 59:010
13. Panel Filter Production Area, Bldg. 2	401 KAR 59:010
14. Engine Intake Filter Production Area (S&S Cycle), Bldg. 2	401 KAR 59:010
15. Cabin Air Filter Lines, #1, #2, #3, and #4 ^(*) , Bldg. 2	401 KAR 59:010
(*) Unit #4 has been added per application DEP7007DD, Log#54176, Sept. 21, 2001	
16. Foam In Place Line, Bldg. 2	401 KAR 59:010
17. Prototype Lab, Bldg. 2	None
18. Cabin Air Filter Testing Lab, Bldg. 2	None
19. Nat'l Gas-fired Space Heaters, Bldg. 2 and Maint. Bldg.	401 KAR 59:015

SECTION C - INSIGNIFICANT ACTIVITIES (CONTINUED)

20. Diesel-fired Emergency Generator, Bldg. 1	401 KAR 59:015
21. Aqueous- and Solvent Based Parts Washers, Bldg. 1 and Maintenance Bldg.	401 KAR 59:185
22. Nozzle Cleaning Station, Bldg. 1	401 KAR 59:010
23. Small Cooling Towers Associated with Chiller Units, Bldg. 1	401 KAR 63:010
24. V-2 Fiber Blending and Opening Operations	None
25. V-2 Fiber Feeding and Dosing Operations	None
26. V-2 Carding Equipment	None
27. V-2 Crosslappers	None
28. V-2 Pre-needle Loom	None
29. V-2 Needle Looms	None
30. V-2 Winding System	None
31. R&D Lab/Color Matching Lab	None
32. 750-Gallon Mixing Tanks	None

SECTION D - SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS

Not applicable - See individual emission point listing under Section B for specific requirements.

SECTION E - CONTROL EQUIPMENT CONDITIONS

1. Pursuant to 401 KAR 50:055, Section 2(5), at all times, including periods of startup, shutdown and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the cabinet which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

SECTION F - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS

1. When continuing compliance is demonstrated by periodic testing or instrumental monitoring, the permittee shall compile records of required monitoring information that include:
 - a. Date, place as defined in this permit, and time of sampling or measurements;
 - b. Analyses performance dates;
 - c. Company or entity that performed analyses;
 - d. Analytical techniques or methods used;
 - e. Analyses results; and
 - f. Operating conditions during time of sampling or measurement.
2. Records of all required monitoring data and support information, including calibrations, maintenance records, and original strip chart recordings, and copies of all reports required by the Division for Air Quality, shall be retained by the permittee for a period of five years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality. [401 KAR 50:035, Permits, Section 7(1)(d)2 and 401 KAR 50:035, Permits, Section 7(2)(c)]
3. In accordance with the requirements of Regulation 401 KAR 50:035, Permits, Section 7(2)(c) the permittee shall allow the Cabinet or authorized representatives to perform the following:
 - a. Enter upon the premises where a source is located or emissions-related activity is conducted, or where records are kept;
 - b. Have access to and copy, at reasonable times, any records required by the permit:
 - i) During normal office hours, and
 - ii) During periods of emergency when prompt access to records is essential to proper assessment by the Cabinet;
 - c. Inspect, at reasonable times, any facilities, equipment (including monitoring and pollution control equipment), practices, or operations required by the permit. Reasonable times shall include, but are not limited to the following:
 - i) During all hours of operation at the source,
 - ii) For all sources operated intermittently, during all hours of operation at the source and the hours between 8:00 a.m. and 4:30 p.m., Monday through Friday, excluding holidays, and
 - iii) During an emergency; and
 - d. Sample or monitor, at reasonable times, substances or parameters to assure compliance with the permit or any applicable requirements. Reasonable times shall include, but are not limited to the following:
 - i) During all hours of operation at the source,
 - ii) For all sources operated intermittently, during all hours of operation at the source and the hours between 8:00 a.m. and 4:30 p.m., Monday through Friday, excluding holidays, and
 - iii) During an emergency.

SECTION F - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

4. No person shall obstruct, hamper, or interfere with any Cabinet employee or authorized representative while in the process of carrying out official duties. Refusal of entry or access may constitute grounds for permit revocation and assessment of civil penalties.
5. Summary reports of any monitoring required by this permit, other than continuous emission or opacity monitors, shall be submitted to the division's Paducah Regional Office at least every six (6) months during the life of this permit, unless otherwise stated in this permit. For emission units that were still under construction or which had not commenced operation at the end of the 6-month period covered by the report and are subject to monitoring requirements in this permit, the report shall indicate that no monitoring was performed during the previous six months because the emission unit was not in operation.

The reports are due within 30 days after the end of each six-month reporting period that commences on the initial issuance date of this permit. The permittee may shift to semi-annual reporting on a calendar year basis upon approval of the regional office. If calendar year reporting is approved, the semi-annual reports are due January 30th and July 30th of each year. Data from the continuous emission and opacity monitors shall be reported to the Technical Services Branch in accordance with the requirements of 401 KAR 59:005, General Provisions, Section 3(3). All reports shall be certified by a responsible official pursuant to Section 6(1) of 401 KAR 50:035, Permits. All deviations from permit requirements shall be clearly identified in the reports.

6. a. In accordance with the provisions of Regulation 401 KAR 50:055, Section 1 the owner or operator shall notify the Division for Air Quality's Paducah Regional Office concerning startups, shutdowns, or malfunctions as follows:
 - i) When emissions during any planned shutdowns and ensuing startups will exceed the standards, notification shall be made no later than three (3) days before the planned shutdown, or immediately following the decision to shut down, if the shutdown is due to events which could not have been foreseen three (3) days before the shutdown
 - ii) .When emissions due to malfunctions, unplanned shutdowns, and ensuing startups are or may be in excess of the standards, notification shall be made as promptly as possible by telephone (or other electronic media) and shall cause written notice upon request.
- b. In accordance with the provisions of Regulation 401 KAR 50:035, Section 7(1)(e)2, the owner or operator shall report emission-related exceedances from permit requirements including those attributed to upset conditions (other than emission exceedances covered by general condition 6 a. above) to the Division for Air Quality's Paducah Regional Office within 30 days. Other deviations from permit requirements shall be included in the semi-annual report required by general condition F.5.

SECTION F - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

7. Pursuant to Regulation 401 KAR 50:035, Permits, Section 7(2)(b), the permittee shall certify compliance with the terms and conditions contained in this permit, annually on the permit issuance anniversary date or by January 30th of each year if calendar year reporting is approved by the regional office, by completing and returning a Compliance Certification Form (DEP 7007CC) (or an approved alternative) to the Division for Air Quality's Paducah Regional Office and the U.S. EPA in accordance with the following requirements:
- a. Identification of each term or condition of the permit that is the basis of the certification;
 - b. The compliance status regarding each term or condition of the permit;
 - c. Whether compliance was continuous or intermittent;
 - d. The method used for determining the compliance status for the source, currently and over the reporting period, pursuant to 401 KAR 50:035, Section 7(1)(c), (d), and (e); and
 - e. The certification shall be postmarked by the thirtieth (30) day following the applicable permit issuance anniversary date, or by January 30th of each year if calendar year reporting is approved by the regional office. Annual compliance certifications should be mailed to the following addresses:

Division for Air Quality
Paducah Regional Office
4500 Clarks River Road
Paducah, KY 42003-0823

U.S. EPA Region IV
Air Enforcement Branch, Atlanta Federal Center
61 Forsyth Street
Atlanta, GA 30303-8960

Division for Air Quality
Central Files
803 Schenkel Lane
Frankfort, KY 40601

8. In accordance with Regulation 401 KAR 50:035, Section 23, the permittee shall provide the division with all information necessary to determine its subject emissions within thirty (30) days of the date the KEIS emission report is mailed to the permittee.
9. Pursuant to Section VII.3 of the policy manual of the Division for Air Quality as referenced by Regulation 401 KAR 50:016, Section 1(1), results of performance tests(s) required by the permit shall be submitted to the division by the source or its representative within forty-five days after the completion of the fieldwork.

SECTION G - GENERAL CONDITIONS

(a) General Compliance Requirements

1. The permittee shall comply with all conditions of this permit. A noncompliance shall be (a) violation(s) of state regulation 401 KAR 50:035, Permits, Section 7(3)(d), a violation of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act), and is grounds for enforcement action including but not limited to the termination, revocation and reissuance, or revision of this permit.
2. The filing of a request by the permittee for any permit revision, revocation, reissuance, or termination, or of a notification of a planned change or anticipated noncompliance, shall not stay any permit condition.
3. This permit may be revised, revoked, reopened and reissued, or terminated for cause. The permit will be reopened for cause and revised accordingly under the following circumstances:
 - a. If additional requirements become applicable to the source and the remaining permit term is three (3) years or longer. In this case, the reopening shall be completed no later than eighteen (18) months after promulgation of the applicable requirement. A reopening shall not be required if compliance with the applicable requirement is not required until after the date on which the permit is due to expire, unless this permit or any of its terms and conditions have been extended pursuant to Regulation 401 KAR 50:035, Section 12(2)(c);
 - b. The Cabinet or the U. S. EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements;
 - c. The Cabinet or the U. S. EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

Proceedings to reopen and reissue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Reopenings shall be made as expeditiously as practicable. Reopenings shall not be initiated before a notice of intent to reopen is provided to the source by the division, at least thirty (30) days in advance of the date the permit is to be reopened, except that the division may provide a shorter time period in the case of an emergency.

4. The permittee shall furnish to the division, in writing, information that the division may request to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit. [401 KAR 50:035, Permits, Section 7(2)(b)3e and 401 KAR 50:035, Permits, Section 7(3)(j)]
5. The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to the permitting authority.

SECTION G - GENERAL CONDITIONS (CONTINUED)

6. Any condition or portion of this permit which becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit. [401 KAR 50:035, Permits, Section 7(3)(k)]
7. The permittee shall not use as a defense in an enforcement action the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance. [401 KAR 50:035, Permits, Section 7(3)(e)]
8. Except as identified as state-origin requirements in this permit, all terms and conditions contained herein shall be enforceable by the United States Environmental Protection Agency and citizens of the United States.
9. This permit shall be subject to suspension if the permittee fails to pay all emissions fees within 90 days after the date of notice as specified in 401 KAR 50:038, Section 3(6). [401 KAR 50:035, Permits, Section 7(3)(h)]
10. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance. [401 KAR 50:035, Permits, Section 8(3)(b)]
11. This permit shall not convey property rights or exclusive privileges. [401 KAR 50:035, Permits, Section 7(3)(g)]
12. Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by the Kentucky Cabinet for Natural Resources and Environmental Protection or any other federal, state, or local agency.
13. Nothing in this permit shall alter or affect the authority of U.S. EPA to obtain information pursuant to Federal Statute 42 USC 7414, Inspections, monitoring, and entry. [401 KAR 50:035, Permits, Section 7(2)(b)5]
14. Nothing in this permit shall alter or affect the authority of U.S. EPA to impose emergency orders pursuant to Federal Statute 42 USC 7603, Emergency orders. [401 KAR 50:035, Permits, Section 8(3)(a)]
15. Permit Shield: Except as provided in State Regulation 401 KAR 50:035, Permits, compliance by the affected facilities listed herein with the conditions of this permit shall be deemed to be compliance with all applicable requirements identified in this permit as of the date of issuance of this permit.
16. All previously issued construction and operating permits are hereby subsumed into this permit.

SECTION G - GENERAL CONDITIONS (CONTINUED)

(b) Permit Expiration and Reapplication Requirements

1. This permit shall remain in effect for a fixed term of five (5) years following the original date of issue. Permit expiration shall terminate the source's right to operate unless a timely and complete renewal application has been submitted to the division at least six (6) months prior to the expiration date of the permit. Upon a timely and complete submittal, the authorization to operate within the terms and conditions of this permit, including any permit shield, shall remain in effect beyond the expiration date, until the renewal permit is issued or denied by the division. [401 KAR 50:035, Permits, Section 12]

(c) Permit Revisions

1. A minor permit revision procedure may be used for permit revisions involving the use of economic incentive, marketable permit, emission trading, and other similar approaches, to the extent that these minor permit revision procedures are explicitly provided for in the SIP or in applicable requirements and meet the relevant requirements of Regulation 401 KAR 50:035, Section 15.
2. This permit is not transferable by the permittee. Future owners and operators shall obtain a new permit from the Division for Air Quality. The new permit may be processed as an administrative amendment if no other change in this permit is necessary, and provided that a written agreement containing a specific date for transfer of permit responsibility coverage and liability between the current and new permittee has been submitted to the permitting authority thirty (30) days in advance of the transfer.

(d) Construction, Start-Up, and Initial Compliance Demonstration Requirements

1. Construction of process and/or air pollution control equipment authorized by this permit shall be conducted and completed only in compliance with the conditions of this permit.
2. Within thirty (30) days following commencement of construction, and within fifteen (15) days following start-up, and attainment of the maximum production rate specified in the permit application, or within fifteen (15) days following the issuance date of this permit, whichever is later, the permittee shall furnish to the Division for Air Quality's Paducah Regional Office in writing, with a copy to the division's Frankfort Central Office, notification of the following:
 - a. The date when construction commenced;
 - b. The date of start-up of the affected facilities listed in this permit; and
 - c. The date when the maximum production rate specified in the permit application was achieved.

SECTION G - GENERAL CONDITIONS (CONTINUED)

3. Pursuant to State Regulation 401 KAR 50:035, Permits, Section 13(1), unless construction is commenced on or before eighteen (18) months after the date of issue of this permit, or if construction is commenced and then stopped for any consecutive period of eighteen (18) months or more, or if construction is not completed within eighteen (18) months of the scheduled completion date, then the construction and operating authority granted by this permit for those affected facilities for which construction was not completed shall immediately become invalid. Extensions of the time periods specified herein may be granted by the division upon a satisfactory request showing that an extension is justified.
4. Operation of the affected facilities for which construction is authorized by this permit shall not commence until compliance with the applicable standards specified herein has been demonstrated pursuant to 401 KAR 50:035, except as provided in Section I of this permit.
5. This permit shall allow time for the initial start-up, operation, and compliance demonstration of the affected facilities listed herein. However, within sixty (60) days after achieving the maximum production rate at which the affected facilities will be operated but not later than 180 days after initial start-up of such facilities, the permittee shall conduct a performance demonstration on the affected facilities in accordance with 401 KAR 50:055, General compliance requirements. These performance tests must also be conducted in accordance with General Conditions G(d)6 of this permit and the permittee must furnish to the Division for Air Quality's Frankfort Central Office a written report of the results of such performance test.
6. Pursuant to Section VII 2.(1) of the policy manual of the Division for Air Quality as referenced by 401 KAR 50:016, Section 1.(1), at least one month prior to the date of the required performance test, the permittee shall complete and return a Compliance Test Protocol (Form DEP 6027) to the division's Frankfort Central Office. Pursuant to 401 KAR 50:045, Section 5, the division shall be notified of the actual test date at least ten (10) days prior to the test.

(e) Emergency Provisions

1. An emergency shall constitute an affirmative defense to an action brought for noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or other relevant evidence that:
 - a. An emergency occurred and the permittee can identify the cause of the emergency;
 - b. The permitted facility was at the time being properly operated;
 - c. During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and
 - d. The permittee notified the division as promptly as possible and submitted written notice of the emergency to the division within two working days after the time when emission limitations were exceeded due to the emergency. The notice shall meet the requirements of 401 KAR 50:035, Permits, Section 7(1)(e)2, and include a description of the emergency, steps taken to mitigate emissions, and the corrective actions taken. This requirement does not relieve the source of any other local, state or federal notification requirements.

SECTION G - GENERAL CONDITIONS (CONTINUED)

2. Emergency conditions listed in General Condition (e)1 above are in addition to any emergency or upset provision(s) contained in an applicable requirement.
3. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof. [401 KAR 50:035, Permits, Section 9(3)]

(f) Risk Management Provisions

1. The permittee shall comply with all applicable requirements of 40 CFR Part 68, Risk Management Plan provisions. If required, the permittee shall comply with the Risk Management Program and submit a Risk Management Plan to:
RMP Reporting Center
P.O. Box 3346
Merrifield, VA, 22116-3346
2. If requested, submit additional relevant information to the division or the U.S. EPA.

(g) Ozone depleting substances

1. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
 - a. Persons opening appliances for maintenance, service, repair, or disposal shall comply with the required practices contained in 40 CFR 82.156.
 - b. Equipment used during the maintenance, service, repair, or disposal of appliances shall comply with the standards for recycling and recovery equipment contained in 40 CFR 82.158.
 - c. Persons performing maintenance, service, repair, or disposal of appliances shall be certified by an approved technician certification program pursuant to 40 CFR 82.161.
 - d. Persons disposing of small appliances, MVACs, and MVAC-like appliances (as defined at 40 CFR 82.152) shall comply with the recordkeeping requirements pursuant to 40 CFR 82.166.
 - e. Persons owning commercial or industrial process refrigeration equipment shall comply with the leak repair requirements pursuant to 40 CFR 82.156.
 - f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant shall keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.
2. If the permittee performs service on motor (fleet) vehicle air conditioners containing ozone-depleting substances, the source shall comply with all applicable requirements as specified in 40 CFR 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

SECTION H - ALTERNATE OPERATING SCENARIOS

Not applicable

SECTION I - COMPLIANCE SCHEDULE

Not applicable